REQUIREMENTS	SENSITIVITY LEVEL 0	SENSITIVITY LEVEL 1 (All Level 0 Requirements	SENSITIVITY LEVEL 2 (All Level 0, And 1	SENSITIVITY LEVEL 3 (All Level 0, 1, And 2	CLASSIFIED (All Level 0, 1, 2, and 3
		Plus)	Requirements Plus)	Requirements Plus)	Requirements Plus)
ACCREDITATION	No Requirement.	No Requirement.	No Requirement.	No Requirement.	Systems/networks evaluation yearly by the GSO; DAA accreditation not less than 1 year but not more than every 3 years.
AUDIT TRAIL	No Requirement.	<ul> <li>Record all access failures to systems, files, objects, and resources.</li> <li>Record all systems privilege use</li> <li>Record all maintenance, software/hardware upgrades, and backups.</li> </ul>	•	• Same as Levels 0, 1 and 2.	Audit records for multi-level systems retained for 2 years.
AUTHORIZATION TO PROCESS	Management's written authorizationto process     before operations begin     after significant change.     Reauthorization every three years.		Reauthorization every two years.	,	• Same as Levels 0, 1, 2, and 3.
COMMUNICATIONS SECURITY (COMSEC)	No Requirement.	No Requirement.	Data Encryption.	<ul> <li>No uncontrolled dial-up access or unauthorized connections to external networks.</li> <li>Non-use of encryption must be justified.</li> </ul>	<ul> <li>Information, devices, or materials will be handled in compliance with NACSI 4005.</li> </ul>
COMPUTER SECURITY AWARENESS TRAINING (CSAT)	Provide initial training to all new employees within 60 days of employment. Provide continuing training whenever there is: (1) A significant change in the ITS environment or procedures. (2) An employee enters a new position which deals with sensitiveinformation. Conduct Refresher training as frequently as determined necessarybased on the sensitivity of the information used or processed. Maintain signed acknowledgementof training for two years.	Conduct system or network- specific security training for users.	• Same as Levels 0 and 1.	• Same as Levels 0, 1 and 2.	Conduct mandatory computer security awareness training designed to enhance employees awareness of threat and vulnerabilities of ITS periodically.

REQUIREMENTS	SENSITIVITY LEVEL 0	SENSITIVITY LEVEL 1	SENSITIVITY LEVEL 2	SENSITIVITY LEVEL 3	CLASSIFIED
		(All Level 0 Requirements	(All Level 0, And 1	(All Level 0, 1, And 2	(All Level 0, 1, 2, and 3
		Plus)	Requirements Plus)	Requirements Plus)	Requirements Plus)
CONFIGURATION MANAGEMENT	<ul> <li>Maintain current hardware and software lists.</li> <li>Maintain licenses for all software.</li> <li>Maintain current network and system configuration diagrams.</li> </ul>	Maintain a process that controls changes to all sensitive software, hardware, or procedure in the system.	Same as Levels 0 and 1.	Controls must be in place that allowdatabases to be stored off- line.	Security baseline changes must be approved by the DPI-ITSO or designee, and by division/site personnel before implementation.
CONTINGENCY PLAN/DISASTER RECOVERY	No Requirement.	<ul> <li>Develop and document a plan that covers emergency response, recovery and return to normal operations.</li> <li>Approval by Senior Managemen</li> <li>Test, review and update annually.</li> </ul>	Same as Levels 0 and 1.	Same as Levels 0, 1 and 2.	• Same as Levels 0, 1, 2 and 3.
DESTRUCTION OF INFORMATION TECHNOLOGY	No Requirement.	FOUO/SEB/Privacy Act/Proprietary or information identified assensitive will be destroyed perestablished procedures     Shred diskettes after removing the outer protective casing.	Same as Levels 0 and 1.	• Same as Levels 0, 1, and 2.	The GSO will handle destruction of all classified materials at GSFC only. All other GSFC-operated sites contact the local security office for guidance on destruction procedures.  Destruction records must be retained for two years.
DISPOSAL OF INFORMATION TECHNOLOGY RESOURCES	No Requirement.	Remove sensitive information from fixed media prior to release:     overwrite 3 times     degauss media     destroy media.	Same as Levels 0 and 1.	• Same as Levels 0, 1, and 2.	Media and memory declassificationprior to removal from secure area.
DISPOSAL OF SENSITIVE INFORMATION	Remove licensed software from fixed media.     Scan for viruses.	Remove sensitive information from fixed media.	Shred or deposit in a burn bag the following:     Contractor Sensitive Data     Privacy Act Data     Proprietary Data     Procurement     Source Evaluation Board (SEB)     Risk Assessments.	All Sensitivity Level 3 data in hardcopy form must be shredded or deposited in a burn bag.	Media and memory declassificationprior to removal from secure area.
ENVIRONMENTAL CONTROLS	Install adequate dust, water, temperature, humidity and ventilation controls.     Install surge protection on all resources.	Plastic sheeting to protect from overhead liquid discharge. Humidity warning system. Temperature warning system. Water detectors under raised floor.	UPS or Power Distribution Unit (PDU) for minicomputers, servers and mainframes.	Same as Levels 0, 1 and 2.	• Same as Levels 0, 1, 2 and 3.

REQUIREMENTS	SENSITIVITY LEVEL 0	(All Level 0 Requirements Plus)	SENSITIVITY LEVEL 2 (All Level 0, And 1 Requirements Plus)	SENSITIVITY LEVEL 3 (All Level 0, 1, And 2 Requirements Plus)	CLASSIFIED (All Level 0, 1, 2, and 3 Requirements Plus)
IDENTIFY SENSITIVITY LEVELS	No Requirement.	Assign a sensitivity level to each system, network, and application.     Concurrence of DPI-ITSO required.     DPI-ITSO maintains current inventory of DPI systems and networks.	Same as Levels 0 and 1.	Same as Levels 0, 1 and 2.	All systems that process classified information or are installed in a reconfiguration are Sensitive Level 3
INCIDENT REPORTING	Report security incidents to system or network manager, DPI-ITSO andNASA Automated Systems Incident Response Capability (NASIRC).     Forward GSFC Form 24-10 (Incident/Investigative Report) to the DPI-ITSO and C-AISM.	incidents. • Retain until the next Center ITS Security Review.	Same as Levels 0 and 1.	Same as Levels 0, 1 and 2.	Report incidents involving physicalsecurity, COMSEC, personnel security, COMPUSEC, INFOSEC, NRP STANDARDS, to the TechnicalProgram Officer in the GoddardSecurity Office using GSFC Security Incident Report (March 1993).
LOGOFF AND TIMEOUT	No Requirement.	Suspend a user ID after 3 consecutive attempts.	Automatically log off or pause workstations or terminals that have not had keyboard activity for fixed period of time not to exceed5 minutes.	Same as Levels 0, 1, and 2.	• Exceptions to log off workstations must be approved by 205.1.
LOGON BANNER	Install an Information ResourcesOversight Committee (IROC)approved logon banner on eachmulti- user system and network reachable from another system or network.	Same as Level 0.	Same as Levels 0 and 1.	Same as Levels 0, 1 and 2.	Same as Levels 0, 1, 2 and 3.
MAINTENANCE AND REPAIR	Permission of the Property Custodian and a property pass to remove from Center.     Remove licensed software from fixed storage media before property can be removed from Center.	Remove sensitive information from fixed storage media before property can be removed from Center.	Same as Levels 0 and 1.	• Same as Levels 0, 1, and 2.	Permission of the Property Custodian and a property pass to remove from classified processing facility. Persons doing maintenance must be cleared and escorted and not allowed to access classified information. If maintenance personnel do not have a clearance, they must be escorted and not allowed access to classified information.

REQUIREMENTS	SENSITIVITY LEVEL 0	(All Level 0 Requirements Plus)	SENSITIVITY LEVEL 2 (All Level 0, And 1 Requirements Plus)	SENSITIVITY LEVEL 3 (All Level 0, 1, And 2 Requirements Plus)	CLASSIFIED (All Level 0, 1, 2, and 3 Requirements Plus)
MEDIA DECLASSIFICATION	No Requirement.	No Requirement.	No Requirement.	No Requirement.	Prior to removal from secure area.
MEDIA AND MEMORY CLEARING	No Requirement.	No Requirement.	No Requirement.	No Requirement.	All IT resources and equipment that incorporates read/write media must be cleared by over writing addressable locations, hardware memory reset, power off/on reset, or a combination of these measures.
MEDIA STORAGE	Protect media from theft, vandalism, and natural disasters.	Store media in an environmentallycontrolled area.  Ensure only authorized personnel can access the media.  Maintain an inventory accounting system for media entering and departing storage facility; verify inventory annually.  Identify all media with an external label and, when applicable, an internal label.  Provide a visual means of identification for all media containing Privacy Act Data, Proprietary Data and data marked as "For Official Use Only" (FOUO).  Ensure that magnetic media containing Privacy Act Data are degaussed or overwritten before being returned to use.		Verify media inventory semiannually.	Same as Levels 0, 1, 2, and 3.
NETWORK AND SYSTEM ACCESS CONTROL	Single user networked and multiuser computers and workstationsmust implement user identification(USERID).     Maintain log of all accesses to multi-user systems.	physical and/or logical control ove authorization for and access to the system and processing resources	identification and authorization of individual users estriction of	restrict and log individual user access by system resource,	

REQUIREMENTS	SENSITIVITY LEVEL 0	SENSITIVITY LEVEL 1 (All Level 0 Requirements Plus)	SENSITIVITY LEVEL 2 (All Level 0, And 1 Requirements Plus)	SENSITIVITY LEVEL 3 (All Level 0, 1, And 2 Requirements Plus)	CLASSIFIED (All Level 0, 1, 2, and 3 Requirements Plus)
NETWORK AND SYSTEM ADMINISTRATION	Administrator assigned in writing.	Maintain a complete inventory of system software and system application.     Develop rules of behavior for system/network users.	Same as Levels 0 and 1.	• Same as Levels 0, 1, and 2.	Same as Levels 0, 1, 2 and 3.
OPERATIONAL AND BACKUP SOFTWARE		Bi-monthly full backup. Incremental backups as determinedby owner.  Most recent incremental backup stored on-site. Other backup on-site storage in different building.	<ul> <li>Monthly full backup.</li> <li>Weekly incremental backup.</li> <li>On-site storage in different building.</li> </ul>	Weekly full backup.     Daily incremental backup.     Offsite storage of all backups except most recent incremental.	Most recent incremental stored on site.
PASSWORD	No Requirement.	Minimum of 6 (preferably 8) alphanumeric characters.     Change at least every 180 days, upon termination of employment or reassignment of any person havingknowledge of a system password, or whenever the password issuspected to have been compromised.     Are not to be displayed on the system monitor.     May not be any word appearing in an English or foreign dictionary.     Vendor provided and default passwords must be changed prior to system use.     Are not to be stored in batch files or keyboard macros.     Individual users are not to share, write down or electronically store passwords.		• Same as Levels 0, 1, and 2.	Same as Levels 0, 1, 2 and 3.

REQUIREMENTS	SENSITIVITY LEVEL 0	(All Level 0 Requirements	SENSITIVITY LEVEL 2 (All Level 0, And 1	SENSITIVITY LEVEL 3 (All Level 0, 1, And 2	CLASSIFIED (All Level 0, 1, 2, and 3
PERSONNEL SECURITY	• No Requirement.	Assign a position sensitivity rating to each Federal employee and eachNon-Federal position.     Annual reevaluation of position sensitivity ratings.     Complete Foreign National Access Request for foreign national usersof ITS resources prior to use.     National Agency Check (NAC) screening on all personnel who need access.	• Same as Levels 0 and 1.	Requirements Plus)  • ational Agency Check or National Agency Check with Inquiries and Credit Check (NACIC) depending on the position sensitivityating.	Requirements Plus)  • Federal employee  - NACIC for Secret  - (SBI) for Top Secret.  • Non-Federal employee  - NAC for Secret  - SBI for Top Secret.
PHYSICAL SECURITY	Annual unannounced fire drill.     Sprinkler system.     Smoke/heat detector.     Emergency power-off switch.     Annual inventory of hardware andsoftware.     Secure hardware in locked area, lockable enclosure or use lockdowndevices.     Secure portable computers in a locked area or container when not in use.	Emergency powerdown procedure.     Change combination if someone who knows it leaves the organization.     Secure diskettes in a locked room or a lockable container.     Change combination if known by someone with unauthorized access.		Same as Levels 0, 1, and 2.	• Same as Levels 0, 1, 2, and 3.
REPRODUCTION OF CLASSIFIED MATERIALS	No Requirement.	No Requirement.	No Requirement.	No Requirement.	<ul> <li>Machines must be approved by GSO.</li> <li>A sign stating "Approved for Classified Reproduction" must be posted near the machine.</li> <li>All waste copies must be placed in a burn bag and protected at the secret or confidential level.</li> <li>To clear the copier, copy an unclassified printed page at least 4 times and handle the copies as classified waste.</li> </ul>

REQUIREMENTS	SENSITIVITY LEVEL 0	(All Level 0 Requirements Plus)	SENSITIVITY LEVEL 2 (All Level 0, And 1 Requirements Plus)	SENSITIVITY LEVEL 3 (All Level 0, 1, And 2 Requirements Plus)	CLASSIFIED (All Level 0, 1, 2, and 3 Requirements Plus)
RISK MANAGEMENT PLAN	• Implement a process to: (1) Measure risk (risk assessment)(2) Select appropriate controls to reduce risk to an acceptable level (risk mitigation), an¢3) Document residual risk for management acceptance. • Assess the risk - Before operation of new facility, system or network - Upon significant change or every5 years, whichever is sooner • Review and update the risk management plan every two years.	Review and update the risk management plan annually.	Same as Levels 0 and 1.	• Same as Levels 0, 1 and 2.	• Same as Levels 0, 1, 2 and 3.
SECURITY PLAN	No Requirement.	Develop a Security Plan that meets the requirments of OMB CIR A-130, Appendix III.     Review and update     Upon significant change     Every three years.	Review and update every two years.	Review and update annually.	Same as Levels 0, 1, 2, and 3.
SOFTWARE PROTECTION	Scan all software for malicious orunauthorized code prior to itsinstallation.     Anti-viral software installed on allfile servers, microcomputers andportable computers.	Same as Level 0.	Same as Levels 0 and 1.	Same as Levels 0, 1 and 2.	Same as Levels 0, 1, 2, and 3.
USER RESPONSIBILITY STATEMENT	Provide system and network rules to each user.	Maintain a file of user responsibility statements for each account onthe system and network.     Reissue responsibility statement every three years.		Same as Levels 0, 1 and 2.	• Same as Levels 0, 1, 2, and 3.